

RAW SEQUENCE LISTING

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Application Serial Number: 10/018,470 B
Source: JFW16
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IFW16

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PATENT APPLICATION: US/10/018,470B

DATE: 12/02/2005

TIME: 12:18:28

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3 <110> APPLICANT: FRASER, Claire Marie
 4 HICKEY, Erin Kathleen
 5 PETERSON, Jeremy D.
 6 TETTELIN, Herve
 7 VENTER, J. Craig
 8 MASIGNANI, Vega
 9 GALEOTTI, Cesira
 10 MORA, Marirosa
 11 RATTI, Giulio
 12 SCARSELLI, Maria
 13 SCARLATO, Vincenzo
 14 RAPPOLI, Rino
 15 PIZZA, Mariagrazia
 16 GRANDI, Guido
 18 <120> TITLE OF INVENTION: NEISSERIA GENOMIC SEQUENCES AND METHODS OF THEIR USE
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 C--> 25 <141> CURRENT FILING DATE: 2002-11-21
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 28 <151> PRIOR FILING DATE: 2000-03-08
 30 <150> PRIOR APPLICATION NUMBER: US 60/132,068
 31 <151> PRIOR FILING DATE: 1999-04-30
 33 <150> PRIOR APPLICATION NUMBER: GB 0004695.3
 34 <151> PRIOR FILING DATE: 2000-02-28
 36 <150> PRIOR APPLICATION NUMBER: PCT/US99/23573
 37 <151> PRIOR FILING DATE: 1999-10-08
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(P9-6)

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250 ttggggccaga ttccgggttcc cataaaaatg ccgaacatcg ggcgggttgc ggcggaaaac 11760
251 tgccgtaccc acgtttttt gtcatacgaa agatagcggc attgcgcatac gggaaaacaga 11820
252 acttgcgcgg ttccggccc cgtcggttgc atctcggtca tcagcagcgg cgcatcgga 11880
253 aaacgcgcgc gcaactcgcg tatcaaggac tggccggcac gcgtttctcc gaccgaaacg 11940
254 gctgtatcc aaaccgcgc ggtacggga ttccgatcg gcttgcggaa acgctcggtcc 12000
255 cgtatgcgcgc gatatggcg ggcacttccg gagcgtttgt ccaaataacg cctgtatccat 12060
256 atcggcgcaaa gcagccacaa tacatcataa agccattggaa acatcttct atttcctgca 12120
257 aaacaaatgc cgtctgaacg gttcagacgg catttcggca acggaaatcaa atatcgtagg 12180
258 ttgtcgaagg ggtatctccg cccttgcggc tccagttggat gggaaaaac tcaccgcgcg 12240
259 gtttgcggtaa ggcgcgttccaa gtgtgcgcgc cgaagtagtc ggcgtgtgcc tgcaagaggt 12300
260 tggcaggcag acgttcggcgt gtgtagccgt ccaagaacgt aatcgccaa gccatgcagg 12360

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/02/2005
PATENT APPLICATION: US/10/018,470B TIME: 12:18:29

Input Set : D:\SEQLIST223002100400.txt
Output Set: N:\CRF4\12022005\J018470B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 6,8,38,39,96,102,341,390,410
Seq#:7; Xaa Pos. 3,13,114,137
Seq#:40; N Pos. 364,365,366,367,368,369,370,371,372,373,374,375,376,377,378
Seq#:40; N Pos. 379,380,381,382,383,384,385,386,387,388,389,390,391,392,393
Seq#:40; N Pos. 394,395,396,397,398,399,400,401,402,403,404,405,406,407,408
Seq#:40; N Pos. 409,410,411,412,413,414,415,416,417,418,419,420,421,422,423
Seq#:40; N Pos. 424,425,426,427,428,429,430,431,432,433,434,435,436,437,438
Seq#:40; N Pos. 439,440,441,442,443,444,445,446,447,448,449,450,451,452,453
Seq#:40; N Pos. 454,455,456,457,458,459,460,461,462,463,464,465,466,467,468
Seq#:40; N Pos. 469,470,471,472,473,474,475,476,477,478,479,480,481,482,483
Seq#:40; N Pos. 484,485,486,487,488,489,490,491,492,493,494,495,496,497,498
Seq#:40; N Pos. 499,500,501,502,503,504,505,506,507,508,509,510,511,512,513
Seq#:40; N Pos. 514,515,516,517,518,519,520,521,522,523,524,525,526,527,528
Seq#:40; N Pos. 529,530,531,532,533,534,535,536,537,538,539,540,541,542,543
Seq#:40; N Pos. 544,545,546,547,548,549,550,551,552,553,554,555,556,557,558
Seq#:40; N Pos. 559,560,561,562,563,564,565,566,567,568,569,570,571,572,573
Seq#:40; N Pos. 574,575,576,577,578,579,580,581,582,583,584,585,586,587,588
Seq#:40; N Pos. 589,590,591,592,593,594,595,596,597,598,599,600,601,602,603
Seq#:40; N Pos. 604,605,606,995,1082
Seq#:41; Xaa Pos. 122,123,124,125,126,127,128,129,130,131,132,133,134,135
Seq#:41; Xaa Pos. 136,137,138,139,140,141,142,143,144,145,146,147,148,149
Seq#:41; Xaa Pos. 150,151,152,153,154,155,156,157,158,159,160,161,162,163
Seq#:41; Xaa Pos. 164,165,166,167,168,169,170,171,172,173,174,175,176,177
Seq#:41; Xaa Pos. 178,179,180,181,182,183,184,185,186,187,188,189,190,191
Seq#:41; Xaa Pos. 192,193,194,195,196,197,198,199,200,201,202,332,361
Seq#:46; N Pos. 995,1082
Seq#:47; Xaa Pos. 332,361
Seq#:63; Xaa Pos. 116

VERIFICATION SUMMARY

DATE: 12/02/2005

PATENT APPLICATION: US/10/018,470B

TIME: 12:18:29

Input Set : D:\SEQLIST223002100400.txt
Output Set: N:\CRF4\12022005\J018470B.raw

L:25 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:37865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:37866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:60
L:37870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:300
L:37871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:360
L:37885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:37906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:112
L:37909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:128
L:39385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:360
L:39386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:420
L:39387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:480
L:39388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:540
L:39389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:600
L:39395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:960
L:39397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:1080
L:39441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:112
L:39444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:128
L:39447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:144
L:39450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:160
L:39453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:176
L:39456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:192
L:39481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:320
L:39487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:352
L:39722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:960
L:39724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:1080
L:39797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:320
L:39803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:352
L:40845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:112